What Is Claimed Is:

1.   A method for a vehicle-related telematics service,
having a central computer (server) and a data terminal,
which is preferably arranged in the motor vehicle and
between which a communication connection is established,
wherein the telematics service is divided into partial
functionalities, which in turn are subdivided between server
and data terminal, functionalities that are not critical
with respect to time running in the server, and
functionalities that are critical with respect to time
running in the data terminal.

2.   The method for a vehicle-related telematics service,
including a central computer (server), which establishes a
communication connection with a data terminal,
wherein the telematics service is subdivided into partial
functionalities, and functionalities that are not critical
with respect to time run in the server.

3.   The method for a vehicle-related telematics service,
including a data terminal, which is preferably arranged in
the motor vehicle and establishes a communication connection
with a central computer (server),
wherein the telematics service is subdivided into partial
functionalities, and functionalities that are critical with
respect to time run in the data terminal.

4.   The method as recited in one of the preceding claims,
wherein the partial functionalities that are critical with
respect to time run in the data terminal in an autonomous
manner, and the partial functionalities that are not
critical with respect to time are implemented by the server
via communication with the data terminal.

5.   The method as recited in one of the preceding claims, wherein the time-critical communication with a control unit to be diagnosed and/or a component to be diagnosed is implemented in the data terminal.

6.   The method as recited in one of the preceding claims, wherein the telematics service is a remote diagnosis of a motor vehicle and the diagnosis protocol is implemented in the server.

7.   The method as recited in one of the preceding claims, wherein commands of the vehicle-specific diagnosis protocol are transmitted via an air interface from the server to the data terminal.

8.   The method as recited in one of the preceding claims, wherein the data terminal implements the transmitted diagnosis commands onto a vehicle network and transmits the generated response messages to the mobile radio interface.

9.   The method as recited in one of the preceding claims, wherein KWP2000 or a variant thereof is used as diagnosis protocol.

10.   A device for a vehicle-related telematics service, having
a central computer (server) and a data terminal, which is preferably arranged in the motor vehicle and between which a communication connection is established,
wherein the telematics service is divided into partial functionalities, which in turn are subdivided between server and data terminal.

11.   The device for a vehicle-related telematics service, having a central computer (server), which establishes a

communication connection with a data terminal,
wherein the telematics service is subdivided into partial
functionalities, and functionalities that are not critical
with respect to time run in the server.

12.   The device for a vehicle-related telematics service,
having a data terminal, which is preferably arranged in the
motor vehicle and establishes a communication connection
with a central computer (server),
wherein the telematics service is divided into partial
functionalities, and functionalities that are critical with
respect to time run in the data terminal.

13.   The device as recited in Claim 10 or 11, the server
communicating with the data terminal via an air interface,
wherein the telematics service is a remote diagnosis of a
motor vehicle, the diagnosis protocol being implemented in
the server as partial functionality that is not critical
with respect to time.

14.   The device as recited in Claim 10 or 12, the data
terminal communicating with the server via an air interface
and including a further interface by which it is connected
to a unit to be diagnosed,
wherein the data terminal includes a sequence control as
partial functionality that is critical with respect to time,
the sequence control being autonomous with respect to the
central computer unit and maintaining the diagnosis
communication in the vehicle.

15.   A computer program having program code means for
        carrying
out all the steps of any of the Claims 1 through 9 when the
program is executed on a computer.

16.   A computer program product having program-code means,

which are stored on a computer-readable data carrier in order to carry out the method according to any of Claims 1 through 9 when the program product is executed on a computer.